

VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. A fire resistant textile material comprising a woven faced or warp knitted fabric composed of fibres selected from meta-aramid, polyamideimide and mixtures thereof, the fabric including a woven mesh back of low thermal shrinkage fibres, wherein the low thermal shrinkage fibres form an interwoven backing scrim on the face fabric, and wherein the ratio of face to back yarns by number is in the range 6:1 to 12:1.
2. A textile material as claimed in claim 1, wherein the low thermal shrinkage fibres are selected from fibres having a shrinkage of less than 6% at 400°C.
3. A textile material as claimed in claim 2, wherein the low thermal shrinkage fibres are selected from polyparaphenylene terephthalamide (para-aramid eg Kevlar), polyparaphenylene terephthalamide copolymer, polyamide imide, copolyimide, phenolic fibres obtained by cross-linkage of phenolaldehyde resin and containing more than 70% carbon, polybenzimidazole, polyetheretherketone, high tenacity viscose, silicon carbide both with a core and with an organic precursor, ceramic fibres including alumina, alumina silicate and borosilico aluminate; and glass fibres including E glass, C glass, D glass and R glass and mixtures thereof.
4. A textile material as claimed in [any preceding] claim 1 wherein the low thermal shrinkage fibres are disposed behind the face fabric.
5. A textile material as claimed in [any preceding] claim 1, wherein the low thermal shrinkage fibres comprise para-aramid yarns.

6. A textile material as claimed in [any preceding] claim 1, wherein the mass of the textile material is within the range 150 to 300 g/m².
7. A textile material as claimed in [any preceding] claim 1, wherein the woven fabric is a combination of a face weave on which fabric is interwoven using a backing scrim.
8. A woven textile material as claimed in [any preceding] claim 1, wherein the face yarns count is in the range of resultant 15 to 50 Nm.
9. A woven textile material as claimed in claim 8, wherein the face yarns count is in the range of resultant 20 to 41 Nm.
10. A woven textile material as claimed in claim 8 [or 9], wherein the reverse side yarns count is in the range 25 to 150 Nm.
11. A woven textile material as claimed in claim 10, wherein the reverse side yarns count is in the range 40 to 60 Nm.
12. A woven textile material as claimed in [any preceding] claim 1, wherein the face weave is selected from: plain weave, plain weave rip stops, straight twills, twill weave rip stops and their derivatives.